JOURNAL OF DEVELOPMENTAL AND PHYSICAL DISABILITIES—Volume 16, 2004

Formerly *Journal of the Multihandicapped Person*

Journal of Developmental and Physical Disabilities is an interdisciplinary forum for the publication of original research and clinical reports from a variety of fields serving multihandicapped individuals. Efforts by professionals in the fields of psychology, rehabilitation, special education, counseling, social work, psychiatry, nursing, and rehabilitation medicine are considered. Investigations utilizing group comparisons as well as single-case experimental designs are of primary interest. However, case studies that are of particular clinical relevance or that describe innovative evaluation and intervention techniques with disabled persons are published as well. All research and clinical reports should contain sufficient detail so that readers can clearly understand *what* was done, *how* it was done, and *why* the strategy was selected. In addition, reviews and theoretical discussions that contribute substantially to our understanding of the problems and strengths of the disabled are also published. In response to the need for increased clinical and research endeavors with the disabled, the journal is cross-categorical and unbiased methodologically. Furthermore, it serves as a unified outlet for dissemination of information on work with *all* multihandicapped populations, such as the deaf–blind, cerebral–palsied–deaf, blind-mentally retarded, and emotionally disturbed-retarded.

EDITOR

Michel Hersen, Pacific University, Forest Grove, Oregon

EDITORIAL BOARD

Donald Bailey, University of North Carolina, Chapel Hill, North Carolina
Jennifer L. Barron, Fairview Developmental Center, Costa Mesa, California
Edward G. Carr, State University of New York at Stony Brook, Stony Brook, New York
Walter Christian, The May Institute, Chatham, Massachusetts
John D. Cone, United States International University, San Diego, California
Francis M. Crinella, Fairview Developmental Center, Costa Mesa, California
Brad Donohue, University of Nevada, Las Vegas, Nevada
Peter W. Dowrick, University of Pennsylvania, Philadelphia, Pennsylvania
Judith E. Favell, Carlton Palms Educational Center, Mount Dora, Florida
Rebecca R. Fewell, Tulane University, New Orleans, Louisiana
Richard M. Foxx, Pennsylvania State University, Middletown, Pennsylvania
Robert Fraser, University of Washington Harborview Medical Center, Seattle, Washington
Gerald Goldstein, Veterans Administration Medical Center Highland Drive, Pittsburgh, Pennsylvania
Charles S. Grob, University of California, Irvine Medical Center, Orange, California
Sandra L. Harris, Rutgers University, Piscataway, New Jersey
Cynthia R. Johnson, Children's Hospital of Pittsburgh, Pittsburgh, Pennsylvania
Ira Lott, University of California, Irvine, California
Martin J. Lubetsky, Western Psychiatric Institute and Clinic, Pittsburgh, Pennsylvania
James K. Luiselli, The May Institute, Inc., Norwood, Massachusetts
Johnny L. Matson, Louisiana State University, Baton Rouge, Louisiana
William E. Pelham, Jr., State University of New York at Buffalo, Buffalo, New York
Alan Poling, Western Michigan University, Kalamazoo, Michigan
Craig Ramey, University of North Carolina, Chapel Hill, North Carolina
Hellgard Rauh, Free University Berlin, Berlin, Germany
Johannes Rojahn, George Mason University, Fairfax, Virginia
Wayne Sailor, Frederic Burk Foundation, Inc., San Francisco, California
Allen G. Sandler, Old Dominion University, Norfolk, Virginia
Curt Sandman, University of California, Irvine, California
Jeff Sigafoos, University of Texas at Austin, Austin, Texas
Rune Simeonsson, University of North Carolina, Chapel Hill, North Carolina
Nirbhay N. Singh, ONE Research Institute, Chesterfield, Virginia
Kristine L. Slentz, Western Washington University, Bellingham, Washington
Arthur M. Small, New York University Medical Center, New York, New York
Raymond H. Starr, University of Maryland Baltimore County, Catonsville, Maryland
Laszlo K. Stein, Michael Reese Hospital and Medical Center, Chicago, Illinois
Kenneth J. Tarnowski, Florida Gulf Coast University, Fort Myers, Florida
Paul E. Touchette, University of California, Irvine, California
Gordon Ulrey, University of California Davis School of Medicine, Sacramento, California
David H. Warren, University of California, Riverside, California
Douglas W. Woods, University of Wisconsin-Milwaukee, Milwaukee, Wisconsin

EDITORIAL ASSISTANTS

Carole Londerée, Pacific University, Forest Grove, Oregon
A. Ingail Malcolm, Nova Southeastern University, Fort Lauderdale, Florida

JOURNAL OF DEVELOPMENTAL AND PHYSICAL DISABILITIES (ISSN: 1056-263X) is published quarterly by Springer Science+Business Media, Inc., 233 Spring Street, New York, N.Y. 10013. Annual subscription price U.S. $482.00. Air freight and mailing by Publications Expediting, Inc., 200 Meacham Avenue, Elmont, N.Y. 11003. Application to mail at Periodical Postage Rate is pending at Jamaica, NY 11451.

Journal of Developmental and Physical Disabilities is abstracted or indexed in Current Contents/Social & Behavior Sciences, Family & Society Studies Worldwide, Linguistics and Language Behavior Abstracts, Psychological Abstracts, PsychINFO Database, SCOPUS, Social Sciences Citation Index, Social SciSearch, Social Services Abstracts, Sociological Abstracts, and The ISI Alerting Services.

© 2004 Springer Science+Business Media, Inc. No part of this work may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, microfilming, recording, or otherwise, without written permission from the Publisher, with the exception of any material supplied specifically for the purpose of being entered and executed on a computer system, for exclusive use by the purchaser of the work. *Journal of Developmental and Physical Disabilities* participates in the Copyright Clearance Center (CCC) Transactional Reporting Service. The appearance of a code line at the bottom of the first page of an article in this journal indicates the copyright owner's consent that copies of the article may be made for personal or internal use. However, this consent is given on the condition that the copier pay a flat fee per copy per article (no additional per-page fees) directly to the Copyright Clearance Center, Inc., 222 Rosewood Drive, Danvers, Massachusetts 01923 (www.copyright.com), for all copying not explicitly permitted by Sections 107 or 108 of the U.S. Copyright Law. The CCC is a nonprofit clearinghouse for the payment of photocopying fees by libraries and other users registered with the CCC. Therefore, this consent does not extend to other kinds of copying, such as copying for general distribution, for advertising or promotional purposes, for creating new collective works, or for resale, nor to the reprinting of figures, tables, and text excerpts. 1056-263X/04

Springer, Advertising Department, 233 Spring Street, New York, N.Y. 10013—telephone (212) 460–1572 and fax (212) 647–1898.

Subscription inquiries and subscription orders should be addressed to the publisher as follows: For all countries (including subscription agents in North and Latin America): Springer, Journals Department—Distribution Centre, PO Box 322, 3300 AH Dordrecht, The Netherlands; tel: 31 78 6392392; fax: 31 78 6546474; e-mail: orderdept@wkap.nl. For "non-trade" customers only in North, South, and Central America: Springer, Journals Department, 101 Philip Drive, Assinippi Park, Norwell, MA 02061, USA; tel: 1 781 871 6600; fax: 1 781 681 9045; e-mail: kluwer@wkap.com. Subscription rates: Volume 16, 2004 (4 issues): Print or electronic, EUR 482.00/USD 482.00/GBP 295.00. Print and electronic, EUR 578.40/USD 578.40/GBP 354.00. For more information about our 2004 journal access and pricing policies, visit www.kluweronline.com.

U.S. POSTMASTER: Send address changes to Springer, 233 Spring Street, New York, N.Y. 10013-1578.

JOURNAL OF DEVELOPMENTAL AND PHYSICAL DISABILITIES (ISSN: 1056-263X) is published quarterly by Springer Science+Business Media, Inc., 233 Spring Street, New York, N.Y. 10013. Annual subscription price U.S. $482.00. Air freight and mailing by Publications Expediting, Inc., 200 Meacham Avenue, Elmont, N.Y. 11003. Application to mail at Periodical Postage Rate is pending at Jamaica, NY 11451. *Journal of Developmental and Physical Disabilities* is abstracted or indexed in Current Contents/Social & Behavior Sciences, Family & Society Studies Worldwide, Linguistics and Language Behavior Abstracts, Psychological Abstracts, PsychINFO Database, SCOPUS, Social Sciences Citation Index, Social SciSearch, Social Services Abstracts, Sociological Abstracts, and The ISI Alerting Services. © 2004 Springer Science+Business Media, Inc. No part of this work may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, microfilming, recording, or otherwise, without written permission from the Publisher, with the exception of any material supplied specifically for the purpose of being entered and executed on a computer system, for exclusive use by the purchaser of the work. *Journal of Developmental and Physical Disabilities* participates in the Copyright Clearance Center (CCC) Transactional Reporting Service. The appearance of a code line at the bottom of the first page of an article in this journal indicates the copyright owner's consent that copies of the article may be made for personal or internal use. However, this consent is given on the condition that the copier pay a flat fee per copy per article (no additional per-page fees) directly to the Copyright Clearance Center, Inc., 222 Rosewood Drive, Danvers, Massachusetts 01923 (www.copyright.com), for all copying not explicitly permitted by Sections 107 or 108 of the U.S. Copyright Law. The CCC is a nonprofit clearinghouse for the payment of photocopying fees by libraries and other users registered with the CCC. Therefore, this consent does not extend to other kinds of copying, such as copying for general distribution, for advertising or promotional purposes, for creating new collective works, or for resale, nor to the reprinting of figures, tables, and text excerpts. 1056-263X/04

Journal of Developmental and Physical Disabilities

Volume 16, Number 1 **March 2004**

CONTENTS

Children With Chronic Medical Conditions: Recommendations for School Mental Health Clinicians 1
Laura A. Nabors and Heather D. Lehmkuhl

Effects of Ecological and Standardized Vocational Assessments on Office of Vocational Rehabilitation Counselors' Perceptions Regarding Individuals With Developmental Disabilities 17
Edward Grasso, Asha K. Jitendra, Diane M. Browder, and Thomas Harp

A Method for Conditioning Reinforcer Preferences in Students With Moderate Mental Retardation 33
Scott P. Ardoin, Brian K. Martens, Laurie A. Wolfe, Alexandra M. Hilt, and Blair D. Rosenthal

Adult Siblings' Perceptions of Family Life and Loss: A Pilot Case Study 53
Sylvia Rodger and Leigh Tooth

Enhancing the Interactive Competence of Deafblind Children: Do Intervention Effects Endure? 73
Marleen J. Janssen, J. Marianne Riksen-Walraven, and Jan P. M. van Dijk

Computer-Mediated, Self-Directed Computer Training and Skill Assessment for Individuals With Mental Retardation 95
Daniel K. Davies, Steven E. Stock, and Michael L. Wehmeyer

Preference Assessment in Toddlers With Mild Developmental and Physical Disabilities: A Comparative Study 107
Robert Didden, Jan de Moor, Ellen Janssen, and Saskia Böhm

Case Report: 6-Year-Old Male With Autism and Systemic Onset Juvenile Rheumatoid Arthritis 117
Gail Williams, Richard H. McChane, and Ken Schikler

Journal of Developmental and Physical Disabilities

Volume 16, Number 2 **June 2004**

CONTENTS

Patterns Amongst Behavior States, Sociocommunicative, and Activity Variables in Educational Programs for Students with Profound and Multiple Disabilities 125
Michael Arthur

Assessment and Treatment of Ventilator Tube Disconnection Exhibited by a Toddler 151
Patricia F. Kurtz and Michelle D. Chin

Familial, Medical and Developmental Patterns of Children With Autism and a History of Language Regression 163
J. A. Christopher, L. L. Sears, P. G. Williams, J. Oliver, and J. Hersh

Use of Simple Exercise Tools by Students With Multiple Disabilities: Impact of Automatically Delivered Stimulation on Activity Level and Mood 171
Giulio E. Lancioni, Nirbhay N. Singh, Mark F. O'Reilly, Doretta Oliva, Francesca Campodonico, and Jop Groeneweg

Iowa's High School High Tech Goes to College Program: Preparing Students With Mild Disabilities for Careers in Technology 179
John Nietupski, Terry McQuillen, Deana Duncan Berg, Judy Weyant, Vicki Daugherty, Stephanie Bildstein, Amber O'Connor, Judy Warth, and Susan M. Hamre-Nietupski

The Link Between Perceptions of Self and of Social Relationships in High-Functioning Children With Autism 193
Nirit Bauminger, Cory Shulman, and Galit Agam

Comorbidity Between Autistic Syndrome and Biological Pathologies: Which Implications for the Understanding of the Etiology? 215
Giorgio Celani

Journal of Developmental and Physical Disabilities

Volume 16, Number 3 **September 2004**

CONTENTS

Conceptions of Participation in Students With Disabilities and Persons in Their Close Environment 229
Lilly Eriksson and Mats Granlund

The Factor Structure of the DASH-II 247
Peter Sturmey, Johnny L. Matson, and Julia D. Lott

Influence of IQ and Age in Childhood Autism: Lack of Support for Asperger's Disorder 257
Susan Dickerson Mayes and Susan L. Calhoun

The Relationship Between Respite Care and Child Abuse Potential in Parents of Children With Developmental Disabilities: A Preliminary Report 273
Karen Aniol, Larry L. Mullins, Melanie C. Page, Misty L. Boyd, and John M. Chaney

Community Habilitative Support in the Case of an Adult With Growth-Hormone Deficiency Dwarfism (Panhypopituitarism), Multiple Psychiatric Disorders, Law Violating Behavior, and Life Threatening Self-Injury 287
James M. Sperry, James K. Luiselli, Sarah R. Goldman, Karen J. Abbe, and Mark J. Hauser

Microbiology and Management of Decubitus Ulcers in Children 297
Itzhak Brook

Journal of Developmental and Physical Disabilities

Volume 16, Number 4 **December 2004**

CONTENTS

Replacing the Echolalia of Children With Autism With Functional Use of Verbal Labeling 307
Richard M. Foxx, Kimberly A. Schreck, Jeffrey Garito, Angela Smith, and Shannon Weisenberger

Use of a Braille Exchange Communication System to Improve Articulation and Acquire Mands with a Legally Blind and Developmentally Disabled Female 321
Amy S. Finkel, Kimberly P. Weber, and K. Mark Derby

Beyond Self-Determination: Causal Agency Theory 337
Michael L. Wehmeyer

Parent-Reported Problem Behavior Among Children With Sensory Disabilities Attending Elementary Regular Schools 361
Bea Maes and Hans Grietens

Bipolar Disorders in Mentally Retarded Persons With Pervasive Developmental Disorders 377
Hiroshi Kurita, Hirokazu Osada, Kaoru Shimizu, and Hisateru Tachimori